Fujitsu recommends Windows.

Data Sheet
FUJITSU ESPRIMO X923 Desktop PC

Evolutionary PC for the Modern Office

The sophisticated FUJITSU ESPRIMO X923 has all the advantages of a PC plus a multi-position 58.4 cm (23-inch) LED display and innovative easy log-in features. Achieve significant TCO savings with DeskView and Intel® vPro™ technology and protect confidential data with the integrated TPM module. The Low Power Active Mode supports a wide range of new usage scenarios like telephony and video conferencing.

Human centric
Benefit from a neat and efficient desk and optimum working positions to work as efficiently as possible
- This PC features a 58.4 cm (23-inch) widescreen IPS-panel and an adjustable display for the ideal working position

Always available office PC
Provides businesses with a wide range of new usage scenarios like telephony and video conferencing
- Combines availability with energy saving. The PC looks like it is off but background application tasks can still run in the Low Power Active Mode

Enhanced usability
Stress-free working without focusing on technical details - to quickly and easily accomplish tasks
- Multifunctional sensors and integrated Call Indicator for videoconferencing, energy saving and simple log on to the latest operating system

Energy efficiency coupled with intelligent performance
Best-in-class regarding power consumption combined with high levels of performance
- 4th generation Intel® Core™ processor family and a power supply with up to 93% efficiency

Manageability and security
Simple system administration for complex IT infrastructures and excellent levels of data protection
- Intel® vPro™ technology (depending on processor) and DeskView manageability tools, integrated TPM and EraseDisk option

Components

Processor	Intel® Core™ i7-4785T processor (4 Cores / 8 Threads, 2.20 GHz, up to 3.2 GHz, 8 MB, Intel® HD Graphics 4600) *
	Intel® Core™ i5-4590T processor (4 Cores / 4 Threads, 2.00 GHz, up to 3.0 GHz, 6 MB, Intel® HD Graphics 4600) *
	Intel® Core™ i3-4160T processor (2 Cores / 4 Threads, 3.10 GHz, 3 MB, Intel® HD Graphics 4400)
	Intel® vPro™ Logo with Intel® Core i5 and Core i7 processors *with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)
Operating systems	
Operating system	Windows 8.1 Windows 8.1 Pro Windows 7 Professional 64-bit Windows 7 Professional 32-bit
Multimedia module (optional)	
Camera	2.0 megapixel webcam (full HD)
Microphone	High quality mono
Presence Sensor	Ultrasonic sensor
Display	
Tilt angle	-3° / +35°
Multi-Touch Support	not supported
Screen Surface Treatment	Anti-glare
Contrast - advanced	10,000,000:1
Response time typical	14 ms
Viewing angle (h/v) - typical	178°/178° CR10:1
Color performance	16.7 million colors (Hi-FRC)
Brightness - typical	250 cd/m
Aspect ratio	16:9
Diagonal Size	58.4 cm (23-inch)
Resolution (native)	1,920 x 1,080 pixel
Pixel Pitch	0.265 mm
Memory modules	2 GB (1 module(s) 2 GB) DDR3, non-ECC, 1,600 MHz, PC3-12800, SO DIMM
	4 GB (1 module(s) 4 GB) DDR3, non-ECC, 1,600 MHz, PC3-12800, SO DIMM
	8 GB (1 module(s) 8 GB) DDR3, non-ECC, 1,600 MHz, PC3-12800, SO DIMM
Hard disk notes	Up to 20 GB of HDD space is reserved for system recovery SSHD (Solid State Hard Disk, Hybrid drive) SSD (Solid State Disk) SED (Self-Encrypting Drive)

Hard disk drives (internal)	SSHD SATA III, 5,400 rpm, 500 GB, 2.5-inch
	SSD SATA III Premium, 512 GB, 2.5-inch
	SSD SATA III Premium, 256 GB, 2.5-inch
	SSD SATA III Premium, 128 GB, 2.5-inch
	SSD SATA III, 256 GB, 2.5-inch, SED
	SSD SATA III, 256 GB, 2.5-inch
	SSD SATA III, 128 GB, 2.5-inch, SED
	SSD SATA III, 128 GB, 2.5-inch
	HDD SATA III, 7,200 rpm, 500 GB, 2.5-inch
	HDD SATA III, 7,200 rpm, 320 GB, 2.5-inch
	HDD SATA III, 5,400 rpm, 320 GB, 2.5-inch
	HDD SATA II, 5,400 rpm, 1,000 GB, 2.5-inch*
	HDD SATA II, 5,400 rpm, 750 GB, 2.5-inch*
	HDD SATA II, 5,400 rpm, 500 GB, 2.5-inch*
	HDD SATA II, 5,400 rpm, 320 GB, 2.5-inch*
Graphics	DVI to VGA Adapter
Interface add on cards/components (optional)	
	WLAN 802.11 a/g/n (2x2) and Bluetooth (dedicated regions only, not for Indonesia)

Base unit

Base unit	ESPRIMO X923
Mainboard	
Mainboard type	D3334
Formfactor	proprietary
Chipset	Intel® Q87
Processor socket	LGA 1150
Processor quantity maximum	1
Memory slots	2 SO DIMM (DDR3, 1600 MHz)
Supported capacity RAM (max.)	16 GB
Memory frequency	1,600 MHz
Memory notes	Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same
LAN	10/100/1,000 MBit/s Intel® I217LM
Integrated WLAN	1 (optional with Bluetooth together)
BIOS version	AMI Aptio 4.6
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
Audio codec	Realtek ALC282
Audio features	High Definition audio, 5.1 surround sound, Internal stereo speakers
I/O controller on board	
Serial ATA total	1
thereof SATA III	1
Controller functions	Serial ATA II (3 Gbit) Serial ATA III (6 Gbit) NCQ AHCI

Interfaces	
Audio: line-out / headphone	1
Audio: line-in / microphone	1
Internal microphones	optional with camera module
USB 3.0 total	6
USB rear	4x3.0
USB left side	2x3.0
VGA	1 (optional via DVI to VGA adapter)
DVI	1 (DVI-I)
Ethernet (RJ-45)	1
Interface Module notes	Anytime USB charge functionality
Input device / components	
Input devices (optional)	Optical USB mouse M510 grey Optical USB mouse M510 black USB/PS2 laser combo mouse grey ECO mouse M440 black Black mouse GL9000 blue LED Keyboard KB410 USB black Keyboard KB900 USB black Bluetooth keyboard LX360 black Wireless keyboard mouse Set LX901 black
Drive bays	
Drive bays total	2
2.5-inch internal bays	1
Drive bay notes	mSATA connector internal
Graphics on board	
Graphics brand name	Intel® HD Graphics 4400, Intel® HD Graphics 4600
Shared video memory	up to 1,782 MB
TFT resolution (VGA)	1,024 x 768 pixel 1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,600 x 1,200 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel
TFT resolution (DVI)	1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel 1,920 x 1,200 pixel
Graphics features	Dual display support DirectX® 11.1 HDCP support Open CL® 1.2 OpenGL® 4.0
Graphics notes	up to 1 GB dedicated video memory (main memory owned and locked for graphics use) Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size and operating system Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz
Electrical values	
Power efficiency note	power supply efficiency (at 230V; 10% / 20% / 50% / 100% load) : 86% / 87% / 91% / 92%
Rated voltage range	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz

Electrical values	
Operating voltage range	90 V - 264 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	90 W (integrated in system)
Power factor correction/active power	active
Power consumption	
Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=1af3fa82-a1d3-4d03-b5fc-f45c3fa11155
Heat dissipation	
Heat dissipation notes	See white paper Energy Consumption
Noise emission	
Related Processors for noise	Intel® Core™ i7 4785T
Standard noise emission	2x2 GB, HDD, Windows According to ISO 7779:2010, ECMA-74
Standard noise notes / description	A-weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A))
Standard noise operation mode: CPU 50% load	4.3 B / 29 dB(A) Bystander; 30 dB(A) Operator position
Standard noise operation mode: HDD load	3.3 B / 19 dB(A) Bystander; 20 dB(A) Operator position
Standard noise operation mode: Idle mode	3.2 B / 18 dB(A) Bystander; 19 dB(A) Operator position
Standard noise operation mode: ODD load	n.a.
Standard noise operation mode: Office applications 2.0	3.2 B / 18 dB(A) Bystander; 19 dB(A) Operator position
Blue angel noise emission according certification	According to ISO 7779:2010, ECMA-74 for max. possible configuration
Blue angel noise notes / description	A-weighted sound power level Lwad (in B); 1B = 10dB
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	533 x 224 x 419 mm 20.99 x 8.82 x 16.6 inch
Operating position	Vertical
Weight	5.94 kg
Weight (lbs)	13.11 lbs
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35 °C (50 - 95 °F)
Operating relative humidity	5 - 85 % (relative humidity)
Compliance	
Product	ESPRIMO X923
Model	TSX1
Germany	TÜV GS
Europe	CE
USA/Canada	FCC Class B cCSAus
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) EPEAT® Gold (dedicated regions) ENERGY STAR® 6.0 (dedicated regions)
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates

Additional Software	
Additional software (preinstalled)	Workplace Protect (secure authentication solution) Adobe® Reader® (pdf reader) McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version) Win7: Fujitsu Recovery (hard disk based recovery) Win8: Microsoft Push Button Recovery (hard disk based recovery) Microsoft Office (buy license to activate the pre-installed Microsoft Office)
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD)
Manageability	
Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) iAMT 9.0 (depending on CPU) WoL (Wake on LAN)
Manageability software	DeskView Client DeskView Instant BIOS Management DeskView Integration for Symantec Management Platform
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
Supported standards	DMI PXE WMI
Manageability link	http://www.fujitsu.com/fts/manageability
Security	
Physical Security	Kensington Lock support
System and BIOS Security	EraseDisk (optional) Boot sector virus protection Write protect option for the Flash EPROM Embedded security (TPM 1.2) Control of all USB interfaces External USB ports can be disabled separately Control of external interfaces
User Security	User and supervisor BIOS password Hard disk password Access protection via internal SmartCard reader (optional) Access protection via external SmartCard reader (optional)
Packaging information	
Packaging dimension (mm)	648 x 275 x 545 mm
Packaging dimension (inch)	25.51 x 10.83 x 21.46 inch
Max. quantity / pallet	16
Material - Weight (g) Carton	1300 g
Material - Weight (lbs) Carton	2.87 lbs
Material - Weight (g) EPS / PS	680 g
Material - Weight (lbs) EPS / PS	1.5 lbs
Material - Weight (g) PE	10 g
Material - Weight (lbs) PE	0.02 lbs
Packaging notes	printed user documentation is bleached in chlorin free process
Warranty	
Standard Warranty	3 years
Service level	Bring-In / Onsite Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations, minimum: 2 years material warranty)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty

Product Support Services - the perfect extension

Warranty	
Recommended Service	9x5, Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/services/support

Recommended Accessories

Display X23T-1 MHL		Looking for a display that offers excellent IPS picture performance, the latest slim, frameless design and excellent entertainment features? Fujitsu's X23T-1 MHL is your first choice when it comes to connecting HDMI devices as well as smartphones. It is a member of the FUJITSU X Line family, incorporates 3 different technologies in a monolith design, and a uniform appearance at the workplace is ensured. Energy Efficiency Class: A	Order Code: S26361-K1444-V160
UC&C USB Headset Stereo H650e		The UC&C USB Headset Stereo H650e is the ultimate in style and functionality. Long, uncomfortable work calls are a thing of the past thanks to the cushioned ear pads and crystal clear sound. Adjustable headband and microphone provides the perfect fit for everyone. Optimized for Microsoft® Lync™ the headset displays a red 'in-call' LED to let your co-workers know when you're available, thus helping to boost office productivity.	Order Code: S26391-F7139-L10
Wireless Keyboard Set LX901		The Wireless Keyboard LX901 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set with offers ambitious users more functions, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption for security.	S26381-K565-L4** (**: Country specific variation)

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU ESPRIMO X923, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products
www.fujitsu.com/global/services/computing/

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More information

Learn more about FUJITSU ESPRIMO X923, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/ESPRIMO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment

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